

REMARKS

This Amendment is being filed in response to the Final Office Action mailed March 25, 2008, which has been reviewed and carefully considered. Reconsideration and allowance of the present application in view of the amendments made above and the remarks to follow are respectfully requested.

Claims 1-18 remain in the Application, where claims 13-18 have been added and claims 1 and 4 are independent.

By means of the present amendment, the current Abstract has been deleted and substituted with the enclosed New Abstract which better conforms to U.S. practice.

By means of the present amendment, claims 1-12 have been amended for non-statutory reasons, such as for better form including beginning the dependent claims with 'The' instead of 'A'. Such amendments to claims 1-12 were not made in order to address issues of patentability and Applicants respectfully reserve all rights under the Doctrine of Equivalents.

In the Final Office Action, claims 1-8 and 10-12 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 4,787,078 (Yokogawa) in view of U.S. Patent No. 5,276,671

(Minami). Further, claim 9 is rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Yokogawa and Minami in view of U.S. Patent Application Publication No. 2003/0043611 (Bockle). It is respectfully submitted that claims 1-18 are patentable over Yokogawa, Minami and Bockle for at least the following reasons.

As correctly noted on page 2 of the Final Office Action, Yokogawa does not disclose or suggest a parasitic capacitance of a laser resonating with an inductor to form a resonant LC circuit of an LC oscillator circuit, as recited in independent claims 1 and 4. Minami is cited in an attempt to remedy the deficiencies in Yokogawa.

Minami shows in FIG 9 an inductor 52 which is connected in series with a capacitor. As recited on column 12, lines 17-26, "energy is accumulated into the inductor 52 at the time of turn-on of the transistor 50 and the current  $I_{hfm}$  which is determined by the V-I converter 12-5 is supplied through the capacitor  $C_1$  at the time of turn-off of the transistor 50."

It is respectfully submitted that Yokogawa, Minami, and combinations thereof, do not teach or suggest the present invention as recited in independent claim 1, and similarly recited in independent claim 4 which, amongst other patentable features,

recites (illustrative emphasis provided):

parasitic capacitance of said laser resonating with an inductor to form a **resonant** LC circuit of said LC oscillator circuit, so that electrical energy can be **exchanged in a resonant** manner between the inductor and the parasitic capacitance **back and forth**.

These features are nowhere disclosed or suggested in Yokogawa and Minami, alone or in combination. Rather, Minami merely discloses an inductor 52 connected in series with a capacitor  $C_1$  to provide stored energy at the time of turn-off of the transistor 50. The inductor 52 and capacitor  $C_1$  do not form a resonant LC circuit and do not exchange energy back and forth in a resonant manner. Bockle is cited to allegedly show other features and does not remedy the deficiencies in Yokogawa and Minami.

Accordingly, it is respectfully submitted that independent claims 1 and 4 should be allowable. In additions, claims 2-3 and 5-18 should be allowable at least based on their dependence from independent claims 1 and 4.

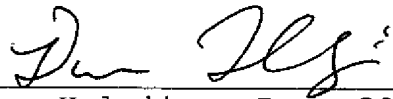
In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the

presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

It is believed that no additional fees or charges are currently due beyond the fee for filing a Request for Continued Examination (RCE) to be charged to the credit card as noted by the enclosed authorization. However, in the event that any additional fees or charges are required for entrance of the accompanying amendment, they may be charged to Applicant's representatives Deposit Account No. 50-3649. In addition, please credit any overpayments related to any fees paid in connection with the accompanying amendment to Deposit Account No. 50-3649.

In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

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